

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E70169

Participation : CTR

Employer : Pacific Lutheran University

Status : Affected

Worksite : Pacific Lutheran University

Survey Type : Online

Street : 12180 Park Ave S

Response Rate : 81%

Jurisdiction : Unincorporated Pierce County

Survey Date : 10/22/2020

Non-Drive Alone & One-Way VMT Rates at this Worksite

Non-Drive Alone Rate : 60.2%

Drive Alone Rate : 39.8%

One-Way VMT per employee : 6.3

Average One-Way distance home to work : 14.2

Employees and Survey Response Information

Reported Total Employees at Worksite: 658

Surveys Distributed : 603

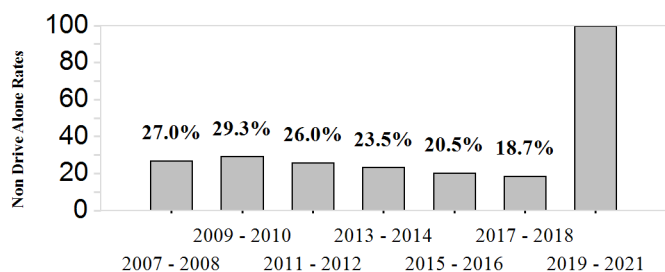
Surveys Returned : 490

Surveys Returned by CTR Affected* Employees : 439

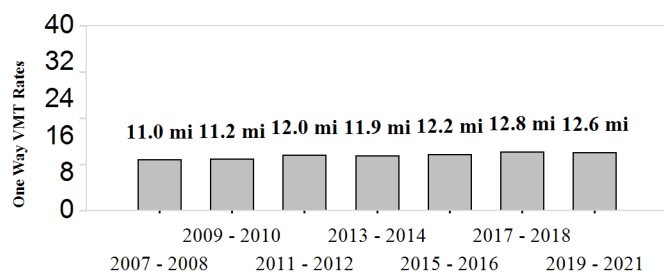
Total Estimated CTR Affected Employees at Worksite : 540

**CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.*

Non Drive Alone Rates - ALL Employees



One Way VMT per Employee - ALL Employees



Site History and Targets
Annual Metric Tons CO₂e Pounds CO₂e

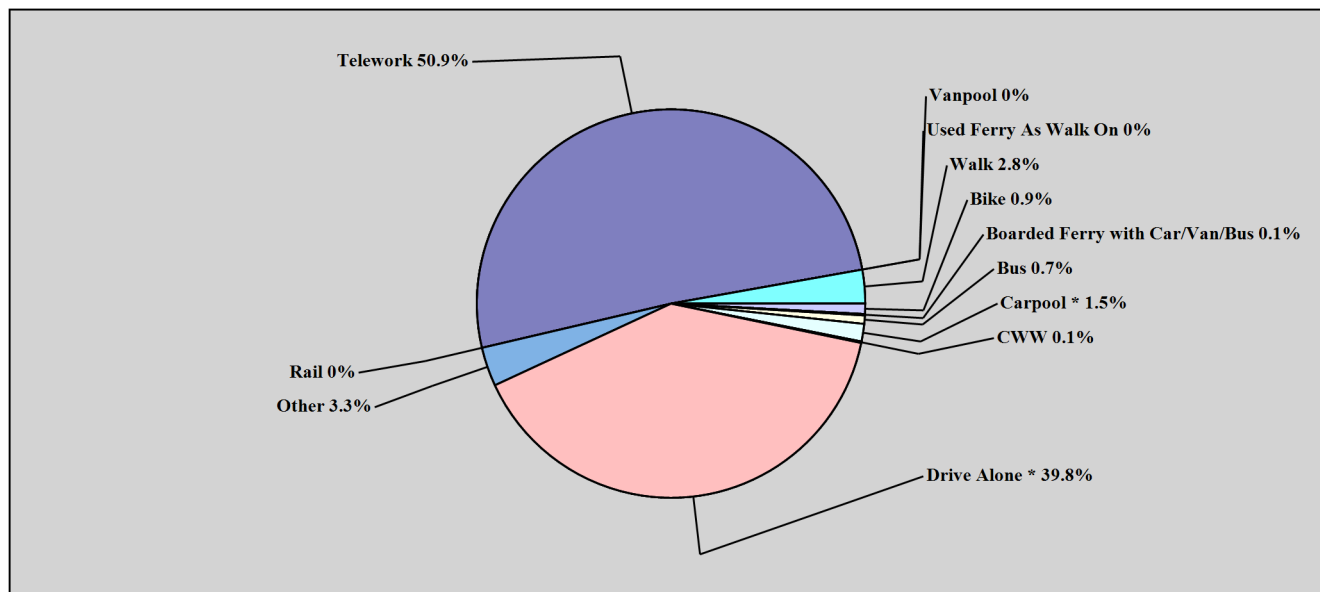
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	27.0%	26.9%	1260	2253	30.2	11.0	10.7
2009 - 2010	29.3%	28.7%	1369	2429	32.5	11.2	11.4
2011 - 2012	26.0%	25.9%	1520	2578	34.5	12.0	11.9
2013 - 2014	23.5%	23.9%	1539	1974	26.5	11.9	12.0
2015 - 2016	20.5%	21.1%	1404	1828	24.5	12.2	12.1
2017 - 2018	18.7%	17.9%	1424	2471	33.1	12.8	12.8
2019 - 2021	60.2%	62.0%	621	834	11.2	6.3	6.0
2019 - 2021	60.2%	62.0%	621	834	11.2	6.3	6.0
Target	33.0%				Target:	9.0	
% Point Change Target:	6.0				% Change Target:	-18.0%	
% Point Change from Baseline:	33.2				% Change from Baseline:	-42.7%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



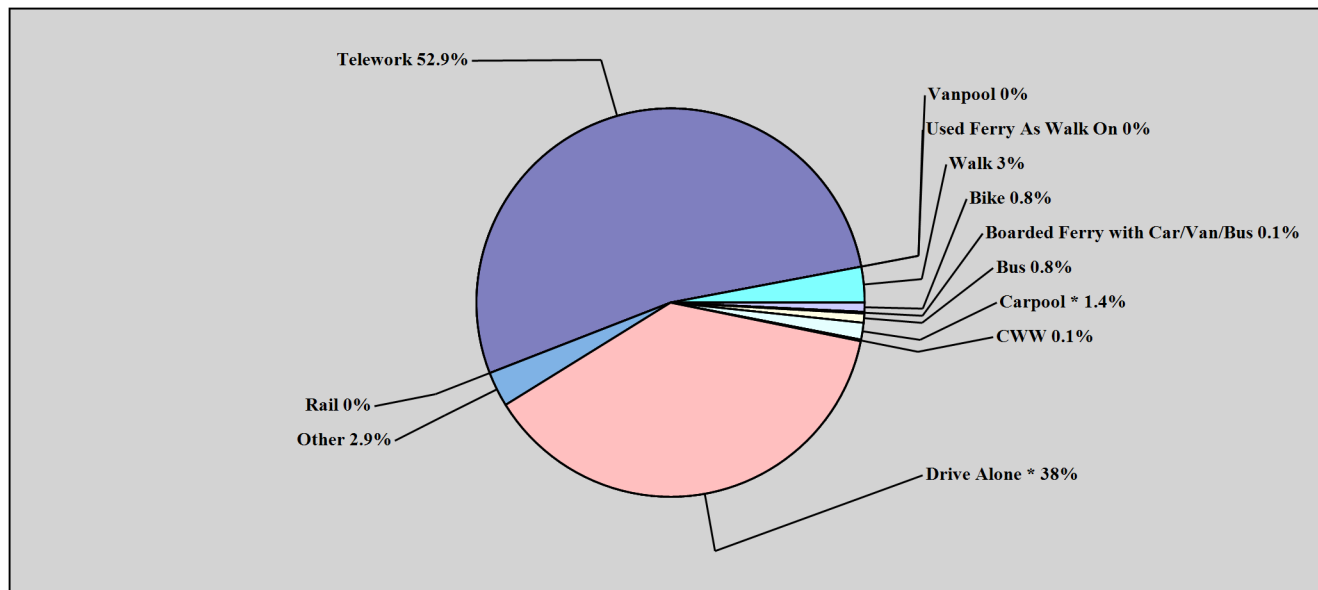
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	980	39.8%	39.8%	289	59.0%	59.0%
Carpool *	36	1.5%	1.5%	13	2.7%	2.7%
Vanpool	0	0.0%	0.0%	0	0.0%	0.0%
Bus	17	0.7%	0.7%	5	1.0%	1.0%
Rail	0	0.0%	0.0%	0	0.0%	0.0%
Bike	21	0.9%	0.9%	6	1.2%	1.2%
Walk	69	2.8%	2.8%	17	3.5%	3.5%
Telework	1,251	50.9%	50.9%	290	59.2%	59.2%
CWW	3	0.1%	0.1%	2	0.4%	0.4%
Boarded Ferry with Car/Van/Bus	3	0.1%	0.1%	1	0.2%	0.2%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	80	3.3%	3.3%	18	3.7%	3.7%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	845	38.0%	38.0%	254	57.9%	57.9%
Carpool *	31	1.4%	1.4%	12	2.7%	2.7%
Vanpool	0	0.0%	0.0%	0	0.0%	0.0%
Bus	17	0.8%	0.8%	5	1.1%	1.1%
Rail	0	0.0%	0.0%	0	0.0%	0.0%
Bike	17	0.8%	0.8%	5	1.1%	1.1%
Walk	66	3.0%	3.0%	15	3.4%	3.4%
Telework	1,178	52.9%	52.9%	272	62.0%	62.0%
CWW	3	0.1%	0.1%	2	0.5%	0.5%
Boarded Ferry with Car/Van/Bus	3	0.1%	0.1%	1	0.2%	0.2%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	65	2.9%	2.9%	15	3.4%	3.4%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	155	32%	490	100%
1 Days	15	3%	335	68%
2 Days	26	5%	320	65%
3 Days	51	10%	294	60%
4 Days	42	9%	243	50%
5 Days	147	30%	201	41%
6 or More Days	54	11%	54	11%

Count by Occupancy of Carpools and Vanpools

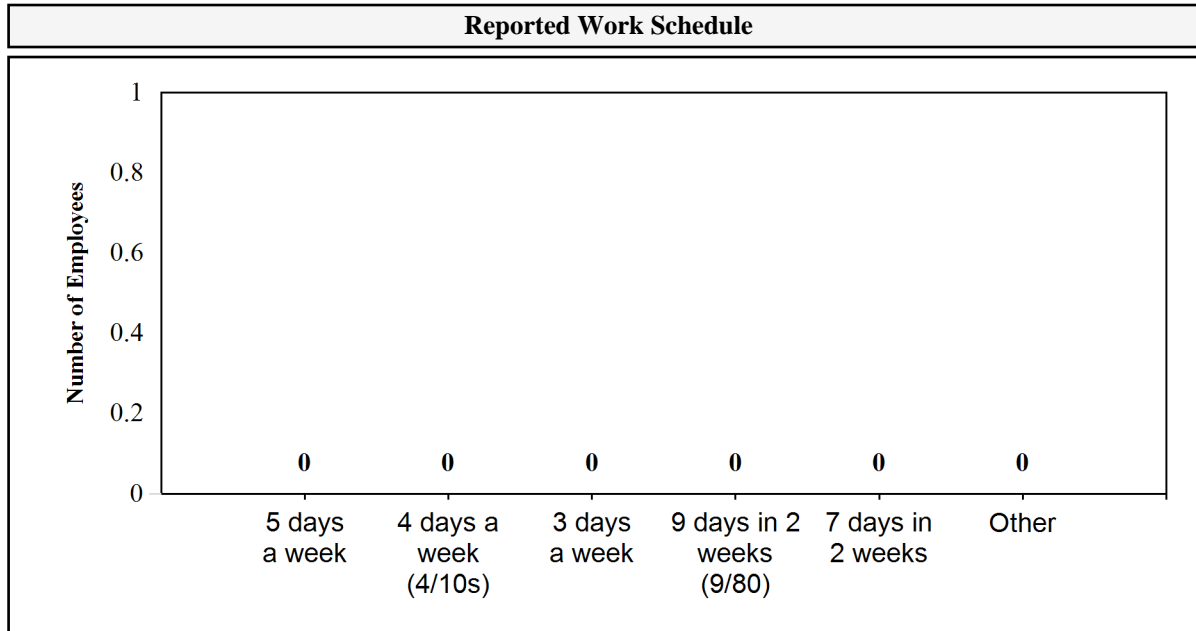
Q.5 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
2*	Carpool	36
3	Carpool	0
4	Carpool	0
5	Carpool	0
>5	Carpool	0
<5	Vanpool	0
5	Vanpool	0
6	Vanpool	0
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
>14	Vanpool	0

* Motorcycle-2 counted with Carpool-2 for this table.

Reported Work Schedule - All Employees

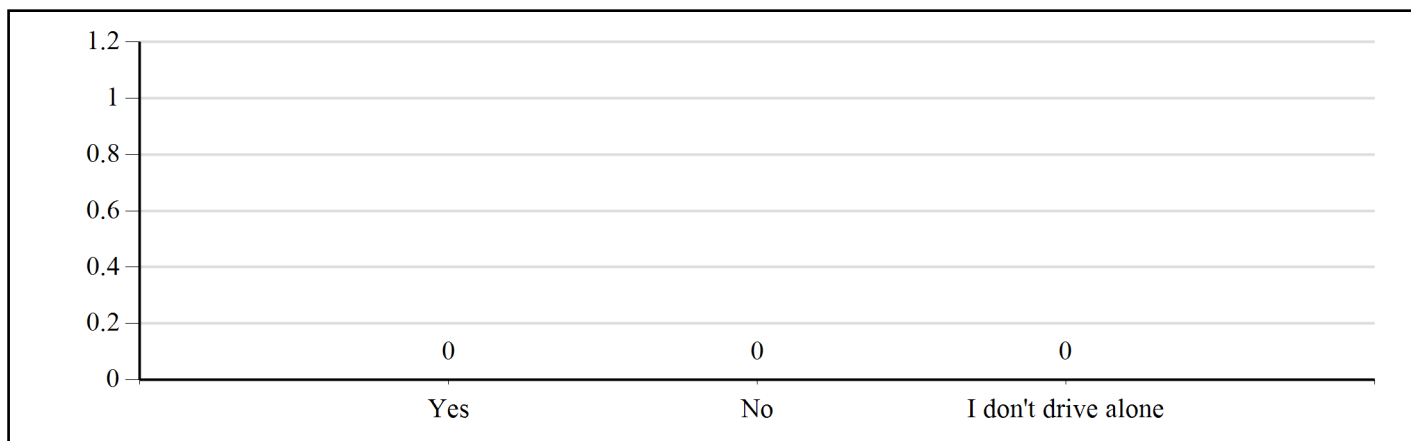
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	0	0%
4 days a week (4/10s)	0	0%
3 days a week	0	0%
9 days in 2 weeks (9/80)	0	0%
7 days in 2 weeks	0	0%
Other	0	0%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	490	100.0%
I don't telework	0	0.0%
Occasionally, on an as-needed basis	0	0.0%
1-2 days/month	0	0.0%
1 day/week	0	0.0%
2 days/week	0	0.0%
3 days/week	0	0.0%

Reasons for driving alone to work/not driving alone to work
Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Financial incentives for carpooling, bicycling or walking.	0	N/A
Free or subsidized bus, train, vanpool pass or fare benefit	0	N/A
Personal health or well-being	0	N/A
Cost of parking or lack of parking	0	N/A
To save money	0	N/A
To save time using the HOV lane	0	N/A
I have the option of teleworking	0	N/A
Driving myself is not an option	0	N/A
Emergency ride home is provided	0	N/A
I receive a financial incentive for giving up my parking space	0	N/A
Preferred/reserved carpool/vanpool parking is provided	0	N/A
Environmental and community benefits	0	N/A
Other	0	N/A

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Riding the bus or train is inconvenient or takes too long	0	N/A
I need more information on alternative modes	0	N/A
My job requires me to use my car for work	0	N/A
My commute distance is too short	0	N/A
Family care or similar obligations	0	N/A
I like the convenience of having my car	0	N/A
Bicycling or walking isn't safe	0	N/A
There isn't any secure or covered bicycle parking	0	N/A
Other	0	N/A

Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98406	31	6.33%	39	8	0	0	3	0	0	1	106	2	0	0	12
98444	31	6.33%	53	0	0	0	1	0	16	41	49	0	0	0	1
98407	23	4.69%	37	4	0	0	0	0	0	0	73	0	0	0	5
98466	21	4.29%	42	6	0	0	0	0	0	5	45	0	0	0	8
98387	19	3.88%	42	0	0	0	0	0	0	0	54	0	0	0	1
98374	18	3.67%	43	0	0	0	0	0	0	0	39	0	0	0	5
98405	16	3.27%	23	4	0	0	0	0	0	0	52	1	0	0	0
98338	15	3.06%	33	10	0	0	5	0	0	0	23	0	0	0	0
98373	15	3.06%	33	0	0	0	5	0	0	5	35	0	0	0	0
98445	15	3.06%	32	0	0	0	0	0	0	0	29	0	0	0	10
98375	14	2.86%	46	1	0	0	0	0	0	0	31	0	0	0	0
98403	13	2.65%	17	0	0	0	3	0	0	0	37	0	0	0	5
98332	11	2.24%	12	0	0	0	0	0	0	0	51	0	0	0	0
98371	11	2.24%	31	0	0	0	0	0	0	0	23	0	0	0	0
98335	10	2.04%	27	0	0	0	0	0	0	0	26	0	0	0	0
98391	10	2.04%	33	0	0	0	0	0	0	0	16	0	0	0	0
98408	10	2.04%	29	0	0	0	0	0	0	0	17	0	0	0	0
98498	10	2.04%	23	0	0	0	0	0	0	0	26	0	0	0	0
98372	8	1.63%	27	0	0	0	0	0	0	0	16	0	0	0	0
98467	7	1.43%	9	1	0	0	0	0	0	0	25	0	0	0	0
98501	7	1.43%	6	0	0	0	0	0	0	2	22	0	0	0	5
98447	6	1.22%	4	0	0	0	0	0	0	15	9	0	0	0	0
98465	6	1.22%	19	0	0	0	0	0	0	0	11	0	0	0	0
98499	6	1.22%	4	0	0	0	0	0	0	0	24	0	0	0	0
98102	5	1.02%	11	0	0	0	0	0	0	0	10	0	0	0	0
98360	5	1.02%	8	0	0	0	0	0	0	0	13	0	0	0	5



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98388	5	1.02%	11	0	0	0	0	0	0	0	10	0	0	0	0
98404	5	1.02%	7	0	0	0	0	0	5	0	9	0	0	0	0
98409	5	1.02%	11	0	0	5	0	0	0	0	11	0	0	0	0
98446	5	1.02%	21	0	0	0	0	0	0	0	3	0	0	0	0
98003	4	0.82%	6	0	0	0	0	0	0	0	15	0	0	0	0
98023	4	0.82%	11	0	0	0	0	0	0	0	6	0	0	0	0
98328	4	0.82%	4	0	0	0	0	0	0	0	6	0	0	0	10
98418	4	0.82%	3	0	0	0	0	0	0	0	16	0	0	0	0
98443	4	0.82%	11	0	0	0	0	0	0	0	11	0	0	0	0
98580	4	0.82%	8	0	0	0	0	0	0	0	10	0	0	0	3
98597	4	0.82%	15	0	0	5	0	0	0	0	0	0	0	0	0
98042	3	0.61%	5	0	0	0	0	0	0	0	8	0	0	0	0
98103	3	0.61%	3	0	0	0	0	0	0	0	12	0	0	0	0
98112	3	0.61%	10	0	0	0	0	0	0	0	5	0	0	0	0
98136	3	0.61%	6	0	0	0	0	0	0	0	11	0	0	0	0
98327	3	0.61%	9	0	0	0	0	0	0	0	6	0	0	0	0
98329	3	0.61%	7	0	0	0	0	0	0	0	9	0	0	0	0
98422	3	0.61%	9	0	0	0	0	0	0	0	6	0	0	0	0
98503	3	0.61%	7	0	0	0	0	0	0	0	8	0	0	0	0
98512	3	0.61%	13	0	0	0	0	0	0	0	3	0	0	0	0
98513	3	0.61%	3	0	0	0	0	0	0	0	11	0	0	0	0
	2	0.41%	10	0	0	0	0	0	0	0	0	0	0	0	0
98031	2	0.41%	6	0	0	0	0	0	0	0	3	0	0	0	0
98059	2	0.41%	0	0	0	0	0	0	0	0	5	0	0	0	5
98092	2	0.41%	6	0	0	0	0	0	0	0	4	0	0	0	0
98115	2	0.41%	0	0	0	0	0	0	0	0	12	0	0	0	0
98125	2	0.41%	0	0	0	0	0	0	0	0	9	0	0	0	0
98126	2	0.41%	1	2	0	0	0	0	0	0	5	0	0	0	0
98198	2	0.41%	0	0	0	0	0	0	0	0	10	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98321	2	0.41%	6	0	0	0	0	0	0	0	4	0	0	0	0
98337	2	0.41%	5	0	0	0	0	0	0	0	5	0	0	0	0
98390	2	0.41%	1	0	0	0	0	0	0	0	10	0	0	0	0
98402	2	0.41%	0	0	0	0	0	0	0	0	8	0	0	0	0
98502	2	0.41%	0	0	0	0	0	0	0	0	10	0	0	0	0
98506	2	0.41%	3	0	0	0	0	0	0	0	7	0	0	0	0
98584	2	0.41%	2	0	0	0	0	0	0	0	5	0	0	0	0
29505	1	0.20%	0	0	0	0	0	0	0	0	0	0	0	0	0
55116	1	0.20%	0	0	0	0	0	0	0	0	5	0	0	0	0
80220	1	0.20%	0	0	0	0	0	0	0	0	5	0	0	0	0
80301	1	0.20%	0	0	0	0	0	0	0	0	5	0	0	0	0
85326	1	0.20%	0	0	0	0	0	0	0	0	7	0	0	0	0
98001	1	0.20%	2	0	0	0	0	0	0	0	3	0	0	0	0
98004	1	0.20%	0	0	0	0	0	0	0	0	5	0	0	0	0
98006	1	0.20%	0	0	0	0	0	0	0	0	7	0	0	0	0
98008	1	0.20%	3	0	0	0	0	0	0	0	2	0	0	0	0
98028	1	0.20%	0	0	0	0	0	0	0	0	7	0	0	0	0
98032	1	0.20%	5	0	0	0	0	0	0	0	0	0	0	0	0
98038	1	0.20%	4	0	0	0	0	0	0	0	1	0	0	0	0
98065	1	0.20%	5	0	0	0	0	0	0	0	1	0	0	0	0
98070	1	0.20%	2	0	0	0	0	0	0	0	0	0	3	0	0
98075	1	0.20%	6	0	0	0	0	0	0	0	0	0	0	0	0
98101	1	0.20%	0	0	0	0	0	0	0	0	5	0	0	0	0
98106	1	0.20%	0	0	0	0	0	0	0	0	0	0	0	0	0
98109	1	0.20%	0	0	0	0	0	0	0	0	6	0	0	0	0
98116	1	0.20%	2	0	0	0	0	0	0	0	2	0	0	0	0
98118	1	0.20%	0	0	0	0	0	0	0	0	7	0	0	0	0
98122	1	0.20%	0	0	0	0	0	0	0	0	5	0	0	0	0
98144	1	0.20%	0	0	0	0	0	0	0	0	7	0	0	0	0



			Weekly Count of Trips By Mode												
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98155	1	0.20%	4	0	0	0	0	0	0	0	0	0	0	0	0
98199	1	0.20%	0	0	0	0	0	0	0	0	5	0	0	0	0
98275	1	0.20%	6	0	0	0	0	0	0	0	0	0	0	0	0
98312	1	0.20%	5	0	0	0	0	0	0	0	0	0	0	0	0
98333	1	0.20%	2	0	0	0	0	0	0	0	0	0	0	0	0
98354	1	0.20%	1	0	0	0	0	0	0	0	5	0	0	0	0
98359	1	0.20%	0	0	0	0	0	0	0	0	5	0	0	0	0
98366	1	0.20%	5	0	0	0	0	0	0	0	0	0	0	0	0
98367	1	0.20%	3	0	0	0	0	0	0	0	2	0	0	0	0
98383	1	0.20%	2	0	0	0	0	0	0	0	5	0	0	0	0
98395	1	0.20%	3	0	0	0	0	0	0	0	1	0	0	0	0
98439	1	0.20%	0	0	0	0	0	0	0	0	0	0	0	0	5
98516	1	0.20%	2	0	0	0	0	0	0	0	5	0	0	0	0
98528	1	0.20%	3	0	0	0	0	0	0	0	0	0	0	0	0
98537	1	0.20%	0	0	0	0	0	0	0	0	0	0	0	0	0
98576	1	0.20%	2	0	0	0	0	0	0	0	3	0	0	0	0
98591	1	0.20%	0	0	0	0	0	0	0	0	5	0	0	0	0